

**Electronic Filing System (EFS) Data**  
**Electronic Patent Application Submission**  
**USPTO Use Only**

EFS ID: 17854  
Application ID: 10065041  
Title of Invention: MULTI-FREQUENCY SINGLE-POLE  
FLAT ANTENNA  
First Named Inventor: Yuan-Li Chang  
Domestic/Foreign Application: Domestic Application  
Filing Date: null  
Effective Receipt Date: 2002-09-13   
Submission Type: Utility Patent Filing  
Filing Type: new-utility  
Confirmation Number: 0  
Attorney Docket Number: WNCP0001USA  
Digital Certificate Holder: cn=Winston Hsu, ou=Registered Attorneys, ou=Patent and  
Trademark Office, ou=Department of Commerce, o=U.S.  
Government, c=US  
Certificate Message Digest: q7AM+qPBaPFBMYSRBhfYrA==  
Total Fees Authorized: \$780.0

Payment Category: DA – Deposit Account  
Deposit Account Number: 500801  
Deposit Account Name: WINSTON HSU

## TRANSMITTAL FORM

JC474 U.S. PRO  
10/065041  
09/13/02

Electronic Version 1.0.3

Stylesheet Version: 1.0

Attorney Docket  
Number:

WNCP0001USA

Submission Type: Utility  
Patent Filing

# MULTI-FREQUENCY SINGLE-POLE FLAT ANTENNA

First Named Inventor: Yuan-Li Chang

**SUBMITTED BY**

Name:	<b>Mr. Winston Hsu</b>
Registration Number:	<b>41,526</b>
Electronic Signature Mark: Winston Hsu	Date Signed: 20020913
Name:	<b>Mr. Mord Michael Lewis</b>
Registration Number:	<b>50,478</b>
Electronic Signature Mark: Mord Michael Lewis	Date Signed: 20020913

*I certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.*

*I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.*

他們的所作所為，就是他們的命運。

**Attached Files:**

declaration	WNCP0001DEC1.TIF
declaration	WNCP0001DEC2.TIF
specification	WNCP0001.xml
bibd-transmittal	WNCP0001apds.xml
patent-assignments	WNCP0001asgn.xml
fee-transmittal	WNCP0001fee.xml

**Attached Image File(s):**

WNCP0001DEC1.TIF  
WNCP0001DEC2.TIF

### Comments:

**PATENT**  
Docket No. WNCPO001 USA

**COMBINED DECLARATION AND POWER OF ATTORNEY**

As a below named inventor, I hereby declare that:

I believe I am the sole (if only one name appears below), or joint (if more than one name appears), original and first inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

"**MULTI-FREQUENCY SINGLE-POLE FLAT ANTENNA**"

The specification for the above entitled invention is filed herewith  
 The specification for the above entitled invention was filed previously  
with application serial number \_\_\_\_\_ Filing Date \_\_\_\_\_

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of the invention disclosed in this application in accordance with Title 37, Code of Federal Regulations, Section 156 (a). I further acknowledge the duty in any continuation-in-part application to disclose to the Patent and Trademark Office all information known to be material to the patentability of the invention disclosed in this application, as defined in 156, which became available to me between the filing date of the prior application and the filing date of this application.

**PRIORITY CLAIM**

There is no claim of priority  
 Claim of priority is based on the following:  
\_\_\_\_\_  
\_\_\_\_\_

**POWER OF ATTORNEY**

As a named inventor, I hereby appoint the following attorneys to prosecute this application and to transact all related business in the Patent and Trademark Office:

Winston Hsu      Registration# 41,526      WinstonHsu@naipo.com.tw  
Mord Michael Lewis      Registration# 50,478      MikeLewis@naipo.com.tw

P O. Box 506,  
Merrifield, Virginia 22116,  
U.S.A  
TEL: (703)8923-7350

Combined Declaration and Power of Attorney, Page 1 of 1  
DS2002CU0001988 F/INPO-P001E US

**DECLARATION**

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued hereon.

Date 2007/9/1  
Printed Name Yulan Li  
Post Office Address 21F, 88, Sec. 1, Hsin Tai Wu Rd., Hsichih,  
and Residence Taipei Hsien 221, Taiwan, R.O.C.  
Citizen of R.O.C.

Date \_\_\_\_\_  
Printed Name \_\_\_\_\_  
Post Office Address \_\_\_\_\_  
and Residence \_\_\_\_\_  
Citizen of \_\_\_\_\_

Date \_\_\_\_\_  
Printed Name \_\_\_\_\_  
Post Office Address \_\_\_\_\_  
and Residence \_\_\_\_\_  
Citizen of \_\_\_\_\_

Date \_\_\_\_\_  
Printed Name \_\_\_\_\_  
Post Office Address \_\_\_\_\_  
and Residence \_\_\_\_\_  
Citizen of \_\_\_\_\_

Date \_\_\_\_\_  
Printed Name \_\_\_\_\_  
Post Office Address \_\_\_\_\_  
and Residence \_\_\_\_\_  
Citizen of \_\_\_\_\_

Combined Declaration and Power of Attorney, Page 2 of 2

DS2002CU0001988

F#NPO-P0001E-US

# FEE TRANSMITTAL

Electronic Version 1.1.0

Stylesheet Version: 1.0

*Patent fees are subject to annual revisions on or about October 1st of each year.*

Large Entity

## TOTAL FEES AUTHORIZED: \$ 780

The commissioner is hereby authorized to charge indicated processing and/or publication fees and credit any overpayments to:

Deposit Account Number: 500801



Deposit Account Name: NORTH AMERICA INTERNATIONAL PATENT OFFICE

Charge Any Additional Fee Required Under 37 C.F.R. Sections 1.16 and 1.17.

Charge Assignment Fees Required Under 37 C.F.R. Section 1.21 (h).

### SUBMITTED BY

Authorized Name: WINSTON HSU

Electronic Signature Mark: VAEB-JMXX-8IIL

Date Signed: 20020913

### BASIC FILING FEE

Fee Description	Fee Code	Fee Paid
Utility Filing Fee	101	\$ 740

Subtotal For Basic Filing Fee: \$ 740

### EXTRA CLAIM FEES

	Fee Code	Fee	Extra Claims	Fee Paid
Total Claims: 8	103	\$ 18	0	\$ 0
Independent Claims: 3	102	\$ 84	0	\$ 0

Subtotal For Extra Claims Fees: \$ 0

ADDITIONAL FEES

Fee Description	Number	Quantity	Fee Code	Amount	Fee Paid
Recording Each Patent Assignment Per Property Fee	00000000	1	581	\$ 40	\$ 40

Subtotal For Additional Fees: \$ 40